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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> Mail Stop: AMENDMENT Express Mail Receipt No. Total Number of Pages in This Submission	Application / Conf. No.	10/800,367 / 8860
	Filing Date	March 12, 2004
	First Named Inventor	Douglas E. Thorpe
	Examiner Name	Joshua D. Schneider
	Art Unit	2182
	Patent No.	
Attorney Docket Number		X-1627 US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Change Status to LARGE ENTITY <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) <input type="checkbox"/> Declaration / Oath <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition - <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
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X-1627 US
10/800,367

PATENT
Conf. No.: 8860

IN THE UNITED STATES PATENT OFFICE

Applicant: Douglas E. Thorpe et al.

Assignee: Xilinx, Inc.

Title: Circuit for and Method of Realigning Data

Serial No.: 10/800,367

Filed: 03-12-04

Examiner: Joshua D. Schneider

Art Unit: 2182

Docket No.: X-1627 US

Conf. No.: 8860

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AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

Dear Sir:

In response to the First Office Action mailed from the Patent Office on February 23, 2007, Applicants respond as follows.

The Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.